42-005-00032



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ARCHA BULLEUR CAUD

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U.S. EPA Region III Director, Air, Radiation and Toxics Management Division 1650 Arch Street Philadelphia, PA 19103

U.S. EPA Region IV Director, Air, Pesticides and Toxic Management Division Sam Nun Atlanta Federal Center 61 Forsyth Street, SW Atlanta, GA 30303-3104

U.S. EPA Region V Director, Air and Radiation Division 77 West Jackson Blvd. Chicago, IL 60604-3507

Alabama Department of Environmental Management Air Division 1400 Coliseum Blvd. Montgomery, AL 36110

Indiana Department of Environmental Management Office of Air Management 100 North Senate Avenue Indianapolis, IN 46206-6015

Pennsylvania Department of Environmental Protection **Bureau of Air Quality** Rachel Carson State Office Building 400 Market Street Harrisburg, PA 17105

Minnesota Pollution Control Agency 520 Lafayette Road N. St. Paul, MN 55155

Illinois Environmental Protection Agency Air Division 1021 N. Grand Avenue, East Springfield, IL 62794-9276

Michigan Department of Environmental Quality Air Quality Division Constitution Hall, 3N 525 West Allegan Lansing, MI 48913

Jefferson County Health Department Air and Solid Waste Division 1400 Sixth Avenue South Birmingham, AL 35202

Allegheny County Health Department Air Quality Program 301 39th Street Pittsburgh, PA 15201-1891

Date:

March 9, 2005

To:

40 CFR Part 63 Administrators

133

Subject:

**United States Steel Corporation** 

Industrial, Commercial and Institutional Boilers and Process

Heaters 40 CFR 63 Subpart DDDDD

Initial Notifications per 40 CFR 63.9(b) and 40 CFR 63.7545(b)

40 CFR 63 Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters was published as a final rule on September 13, 2004. Facilities subject to this rule are required by 40 CFR 63.9(b) and 40 CFR 63.7545(b) to provide written notification to the Administrator no later than 120 days following November 12, 2004 for existing sources. United States Steel owns and operates affected sources under the subject standard in Pennsylvania, Indiana, Minnesota, Illinois, Michigan and Alabama.

The attached table contains all information required to comply with the initial notification at 40 CFR 63.9(b) and 40 CFR 63.7545(b) for all affected facilities owned and operated by United States Steel Corporation.

Any questions regarding this notification should be directed to me.

Very truly yours,

William S. Kutich / M

## United States Steel Corporation National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial. And Institutional Boilers and Process Heaters 40 CFR 63 Subpart DDDD Initial Notification per 40 CFR 63.9(b) and 40 CFR 63.7545(b)

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										Gary, IN 46402	North Brandway	Gary Works	United States Steel Com										12000	***************************************	Affected Source
THE THE PERSON NAMED IN COLUMN TO TH	No. 2 Continuous Annealing, 1	6. 3	No. 6 Galvanize Line, 2 furnaces	furnace	Tin Mill Box Annealing, 1	lumaces	Tin Mill Box Annealing, 4	Annealing, 26 furnaces	North Sheet Mill 4-Stack Box	Annealing, 2 furnaces	South Sheet Mill Hydrogen	Annealing,, 20 furnaces	South Sheet Mill 8-Stack Box	70000000000000000000000000000000000000	EGL Boiler House, 1 boiler	DOILERS	Coke Plant Boiler House, 8		No. 4 Boiler House, 3 boilers		boilers	Turboblower Boiler House, 6	resignation		Affected Source
large	gascous fuel	large	gaseous fuel	small	gascous fuel	large	gascous fuel	small	gaseous fuel	small	gaseous fuel	large	gascous fuel	large	gaseous fuel	large	gascous fuel	large	gaseous fuel	S	larec	gaseous fuel	Subcategory	}	***************************************
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			600	Gran	ates S t Stree	et e		rpor	ation						•••••	********				Operator	Owner or
United States Steel Corp. Clairton Coke Operations 400 State Street Clairton, PA 15025	United States Steel Corp. Fairfield Works 5700 Valley Road Fairfield, AL 35064  United States Steel Corp. Irvin Plant Camp Hollow Road Dravosburg, PA 15034  United States Steel Corp. Edgar Thomson Plant 13 <sup>th</sup> St. & Braddock Ave. Braddock, PA 15104  United States Steel Corp. Clairton Coke Operations 400 State Street Clairton, PA 15025														Address	Affected Source					
6 boilers	3 bailers	No. I Galvanizing Line, I furnace	Continuous Annealing, 1 furnace	Open Coil Annealing, 14 furnaces	HPH Batch Annealing, 31 furnaces	CHARGO II.	A hollors	No. 5 Galvanizing Line, 1 furnace	190. 4 Galvanizing Line, I Jurnace	Annealing, 3 furnaces	West Sheet Mill 4-Stack Box	Annealing, 4 furnaces	East Sheet Mill 8-Stack Box	Annealing, 2 furnaces	East Sheet Mill 4-Stack Box	Annealing, 25 furnaces	East Sheet Mill I-Stack Box		5 boilers	)esignation	Affected Source
gaseous fuel large	gaseous fue! large	gaseous fuel large	gaseous fuel large	gascous fuel small	gaseous fuel small	large	nacaour final	gaseous fuci	large	large	gascous fuel	large	gaseous fuel	large	gascous fuel	small	gascous fuel	large	gascous fuel	Subcategory	
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Fairless Hills, PA 19030	United States Steel Corp. Fairless Plant			n nga nga nga nga nga nga nga nga nga ng							Ecorse, MI 48229	No. 1 Quality Drive	Great Lakes Works	United States Steel Corp.									Keewatin, MN 55753	Mine Road	KEETAC	United States Steel Corp.	Mountain Iron, MN 55768	8819 Old Hwy 169	MINNTAC	United States Steel Corp.	Address	Affected Source
l galvanizing furnace	1 boiler	annealing lurnaces	J Building Box Annealing, 7	annealing furnaces	B Building Box Annealing, 10	annealing furnaces	F Building Box Annealing, 11	annealing furnace	Operations, 1 continuous	Continuous Galvanizing		Electrogalvanizing Line, I hoiler	boiler	Vacuum Degassing Operation, 1	boilers	Main Plant Boiler House No 1, 2	boilers	Zug Island Boiler House No. 1, 5	boilers	Zug Island Boiler House No. 2, 5	boilers	Zug Island Boiler House No. 3, 2				5 boilers				7 boilers	Designation	Affected Source
gascous fuel large	gaseous fuel large	small	gaseous fuel	large	gaseous fuel	large	gaseous fuel		large	gascous fuel	large	gascous fuci	large	gaseous fuel	large	gaseous fuel	large	gaseous fuel	large	gascous fuel	large	gascous fuel			Small	gascous fuel	***************************************		large	gaseous fuel	Subcategory	
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	United States Steel Corp. Granite City Works 20th and State Streets Granite City, IL 62040  United States Steel Corp. East Chicago, IN 46312  United States Steel Corp. Midwest Plant U.S. Route 12  Porlage, IN 46368															Address	Affected Source				
No. 3 Galvanizing Line, 1 lurnace	Batch Annealing, 20 furnaces		Continuous Annealing, 1 furnace	No. 2 Galvanizing Line, 1 lumaco	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	No. 1 Galvanizing Line, 1 furnace	Continuous Annealing, I furnace	**************************************	Box Annealing, 5 furnaces	furnaces	No. 8 Galvanizing Line, 6	***************************************	No. 8 Galvanizing Line, 1 furnace		No. 7 Galvanizing Line, 1 furnace		No. 2 Power House, 2 boilers	***************************************	Main Boiler House, 10 boilers	Designation	Affected Source
large	gaseous fuel	large	gascous fucl	gascous fuel	large	gaseous fuel	gascous fuel	large	gaseous fuel	small	gascous fuel	large	gascous fuel	large	gascous fuel	large	gascous fuel	large	gaseous fuel	Subcategory	
		£.,,	<del>-</del>	***************************************	A		DDDDD	20 C X C	40 CEB 63									bennese		Standard	Relevant
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Description of Operation
Boilers -

Water is heated via indirect heat transfer to produce steam.

Annealing Furnaces -

Cold rolled steel colls are heated via indirect heat transfer to improve workability.

Other Furnaces -

Steel coils are heated via indirect heat transfer to attain appropriate process temperature.